



RLTMGL-589 / 1~50 mW

LD PUMPED ALL-SOLID-STATE YELLOW LASER AT 589nm

All solid state laser at 589nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical sensor, measurement, instrument, communication, spectrum analysis, etc.



SPECIFICATIONS



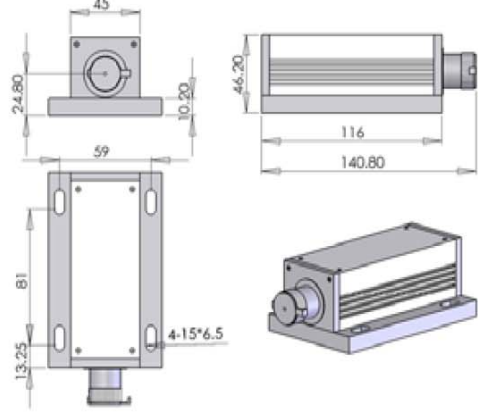
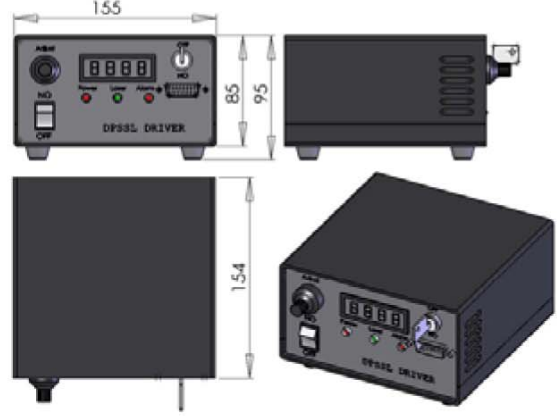


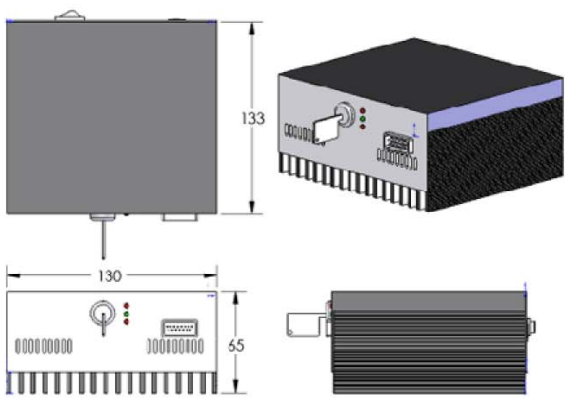
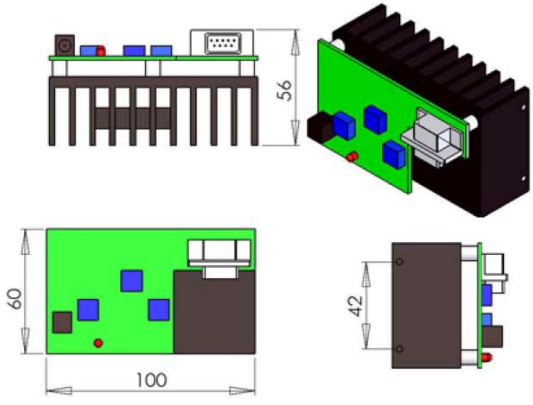
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|---|------------------------|---------|---------|
| Wavelength (nm) | 589 ± 2 | | |
| Output power (mW) | >1, 2, 10, ...,50 | | |
| Transverse mode | Near TEM ₀₀ | | |
| Operating mode | CW | | |
| Power stability (rms, over 4 hours) | <10% ,<20% | | |
| Warm-up time (minutes) | <10 | | |
| M ² factor | <1.5 | | |
| Beam divergence, full angle (mrad) | <1.5 | | |
| Beam diameter at the aperture (mm) | ~2.0 | | |
| Beam height from base plate (mm) | 24.8 | | |
| Pointing stability after warm-up (mrad) | <0.05 | | |
| Operating temperature (°C) | 10~35 | | |
| Power supply (90-264VAC or 5VDC) | PSU-LED | PSU-FDA | PSU-OEM |
| Expected lifetime (hours) | 10000 | | |
| Warranty | 1 year | | |



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|---|---|
| <p style="text-align: center;">MxL-589</p> | <p style="text-align: center;">PSU-LED</p> |
| <p style="text-align: center;">  </p> <p style="text-align: center;">140. 8(L)×73(W) ×46. 2(H) mm³, 0.6kg</p> | <p style="text-align: center;">  </p> <p style="text-align: center;">154 (L) ×155(W) ×95 (H) mm³, 1.5kg</p> |
| <p style="text-align: center;">  </p> | <p style="text-align: center;">  </p> |
| <p style="text-align: center;">PSU-FDA</p> | <p style="text-align: center;">PSU-OEM</p> |
| <p style="text-align: center;">  </p> <p style="text-align: center;">133 (L) ×130(W) ×65 (H) mm³, 1.2kg</p> | <p style="text-align: center;">  </p> <p style="text-align: center;">100 (L) ×60(W) ×56 (H) mm³, 0.2kg</p> |
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